

IN THE ABSTRACT

Please delete the previously submitted abstract.

Please add the following paragraph as the abstract:

The compounds are of the class of polyamines used as agents to treat mitochondrial DNA damage diseases including of Parkinson's disease, Alzheimer's disease, Lou Gehrig's disease, Binswanger's disease, Olivopontine Cerebellar Degeneration, Lewy Body disease, Diabetes, Stroke, Atherosclerosis, Myocardial Ischemia, Cardiomyopathy, Nephropathy, Ischemia, Glaucoma, Presbycusis and as agents to treat Cancer. (2-piperidylethyl)-{3-[(2-piperidylethyl)amino]propyl}amine is an example of this class of compounds. The compound (2-piperidylethyl)-{3-[(2-piperidylethyl)amino]propyl}amine is synthesized by the nucleophilic substitution reaction of 1,3-diaminopropane with 1-(2-chloroethyl)piperidine. Numerous other polyamines are accessible through similar reactions where the nature of the amine is varied.